

CHAPTER OVERVIEW

14: Oxidation and Reduction

One important type of chemical reaction is the oxidation-reduction reaction, also known as the redox reaction. Although we introduced redox reactions in Section 4.7, it is worth reviewing some basic concepts.

- [14.1: Introduction to Oxidation and Reduction](#)
- [14.2: Oxidation-Reduction Reactions](#)
- [14.3: Balancing Redox Reactions](#)
- [14.4: Applications of Redox Reactions - Voltaic Cells](#)
- [14.5: Electrolysis](#)
- [14.E: Oxidation-Reduction Reaction \(Exercises\)](#)

Thumbnail: Copper from a wire is displaced by silver in a silver nitrate solution it is dipped into, and solid silver precipitates out. (CC SA-BY 3.0 au; [Toby Hudson](#) via [Wikipedia](#)).

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